Sony Handycam HDR-HC7E

The Sony Handycam HDR-HC7E is a compact HDV1080i high definition handycam with ClearVid CMOS Sensor, Carl Zeiss Vario-Sonnar T lens, Optical Image Stabilizer, a wealth of manual controls and an HDMI connection. PRODUCT FEATURES: 6 megapixel still image recording and 4.6 megapixel Dual Rec while recording movies; STAMINA up to 6 hours 35 minutes; HDV / DV recording switchability; Enhanced imaging processor; 10x optical zoom / 80x digital zoom; 2.7" Wide "Clear Photo LCD plus" screen with touch panel; Wide color viewfinder; HDMI output for HD ready TV; i.LINK input / output for HDV and DV; USB 2.0 (full-speed); Smooth Slow Rec mode for advanced slow motion footage; Usage guide function on LCD; Battery info; Auto lens cover.

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General	
Product Type	Camcorder
Width	8.2 cm
Depth	13.8 cm
Height	8.2 cm
Weight	0.55 kg

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Main Features	
Camcorder Sensor Resolution	3.2 Mpix
Camcorder Effective Video Resolution	2.2 Mpix
Camcorder Effective Still Resolution	3.0 Mpix
Camcorder Interpolated Still Resolution	6.1 Mpix
Widescreen Video Capture	Widescreen Video Capture
Media Type	Mini DV (HDV)
Colour Support	Colour
Horizontal Resolution	1080 lines
Optical Sensor Type	ClearVid CMOS
Optical Sensor Size	1/2.9"
Min Illumination	0 lux
Digital Zoom	20 x
Recording Speed	SP, LP
Shooting Modes	Digital photo mode
Shooting Modes	Spotlight, landscape, portrait mode, twilight portrait, fi reworks, twilight mode, candle, beach, snow, sunrise
Special Effects	Still, solarisation, Sepia, Mosaic, Trail, Pastel, Monotone, Old Movie, Flash Motion, Negative Art, Low Shutter Speed (LSS), Skintone, Cinematic
Faders	White fader, monotone fader, mosaic fader, black fader
Image Stabiliser	Optical (Super Steady Shot)
Max Shutter Speed	1/800 sec
Min Shutter Speed	1/2 sec
Exposure Modes	Programme, automatic
White Balance	Custom, automatic, presets
White Balance Presets	Indoor, outdoor
Digital Video Format	MPEG-2
Still Image Format	JPEG
Remote Control	Remote control - infrared

Memory / Storage	
Supported Flash Memory	Memory Stick Duo, Memory Stick PRO Duo
Image Storage	JPEG 2848 x 2136 ¦ JPEG 2848 x 1602 ¦ JPEG 640 x 480

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Camera Flash	
Camera Flash	Built-in flash
Effective Flash Range	0.3 m - 2.5 m

Lens System	
Type	Zoom lens - 5.4 mm - 54 mm - f/1.8-2.9
Focal Length	5.4 mm - 54 mm
Focus Adjustment	Automatic, manual
Auto Focus	TTL contrast detection
Lens Aperture	F/1.8-2.9
Optical Zoom	10 x
Zoom Adjustment	Motorised drive
Filter Size	37 mm
Lens Manufacturer	Carl Zeiss

Additional Features	
DV input	Yes
Low Lux / Night Mode	Yes
Digital Still Camera Function	Yes
Additional Features	Direct print, USB 2.0 compatibility, touch-screen control, built-in speaker, demonstration mode, backlight compensation, date/time stamp, display brightness control, PictBridge support, accessories hot shoe

Viewfinder	
Viewfinder Type	LCD monitor
Viewfinder Colour Support	Colour
Viewfinder Resolution	123,200 pixels
Image Aspect Ratio (camcorders)	16:9

Display	
Type	LCD display - 2.7" - colour
Display Form Factor	Rotating
Display Format	211,200 pixels

Microphone	
Type	Microphone - built-in
Microphone Operation Mode	Stereo

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Connections	
Connector Type	IEEE 1394 (FireWire/i.LINK) ¦ USB ¦ Component video output ¦ HDMI ¦ Composite video/audio output ¦ Control-L (LANC) ¦ Microphone ¦ Headphones
Expansion Slot(s)	1 x Memory Stick PRO Duo

Software	
Software	Drivers & Utilities, Sony Picture Motion Browser

Miscellaneous	
Cables Included	USB cable ¦ A/V cable ¦ IEEE 1394 cable ¦ Component video cable

Power	
Power Device	Power adapter - external

Battery	
Supported Battery	Sony NP-FH60
Supported Battery Details	1 x Li-ion rechargeable battery (included)

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